# BIPAC 5102 / 5102S / 5102G

(802.11g) ADSL2+ Modem/Router

**Quick Start Guide** 



For more detailed instructions on configuring and using the (802.11g) ADSL Router, please refer to the on-line manual.

## **Package Contents**

- BIPAC 5102 series ADSL2+ Modem/Router
- CD-ROM containing the on-line manual
- RJ-11 ADSL/telephone Cable
- Ethernet (CAT-5 LAN) Cable
- AC-DC power adapter (12VDC, 1A) : BIPAC 5102 / 5102G

AC-AC power adapter (9VAC, 1A) : BIPAC 5102S

This Quick Start Guide



- Do not use the ADSL2+ Modem/Router in high humidity or high temperatures.
- Do not use the same power source for the ADSL2+ Modem/Router as other equipment.
- Do not open or repair the case yourself. If t he ADSL 2+ Modem/Router is too hot, turn off the power immediately and have it repaired at a qualified service center.
- Avoid using this product and all accessories outdoors.

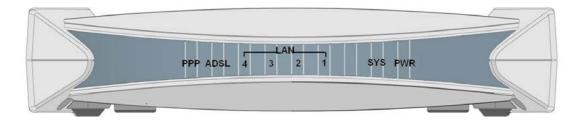
Place the ADSL2+ Modem/Router on a stable surface.

Only use the power adapter that comes with the package. Using a different voltage rating power adaptor may damage the router.

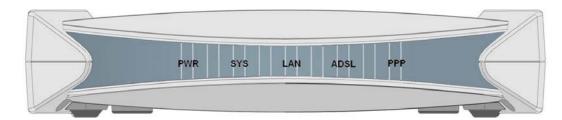
Attention

#### **The Front LEDs**

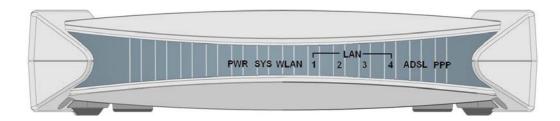
#### BIPAC 5102



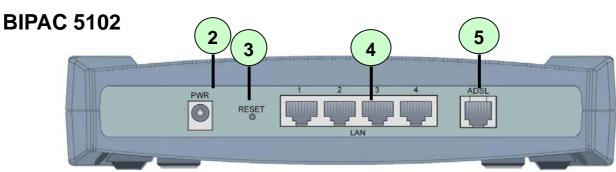
#### BIPAC 5102S



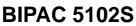
#### BIPAC 5102G

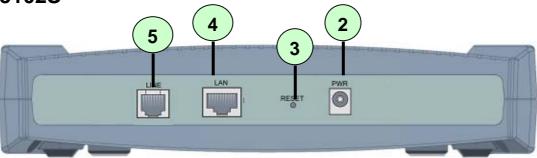


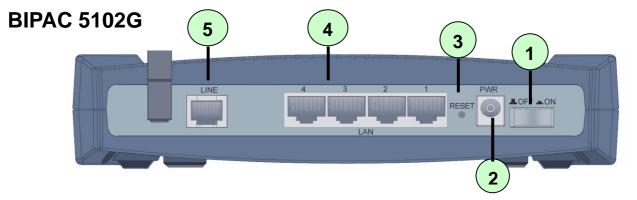
LED		Meaning				
1	PPP :	Lit steady when there is a PPPoA / PPPoE connection.				
2	ADSL:	Lit when successfully connected to an ADSL DSLAM ("linesync").				
3	LAN Port:	<ul> <li>Lit when connected to an Ethernet device.</li> <li>Green for 100Mbps; Orange for 10Mbps.</li> <li>Blinking when data is Transmitted / Received.</li> </ul>				
4	WLAN : (5102G only)	<ul> <li>Lit green when the wireless connection is established.</li> <li>Flashes when sending/receiving data.</li> </ul>				
5	SYS :	Lit when the system is ready.				
6	PWR :	Lit when power is ON.				



**The Rear Ports** 



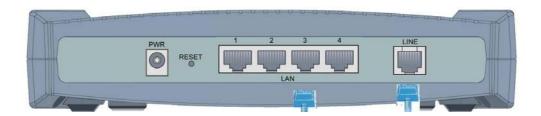




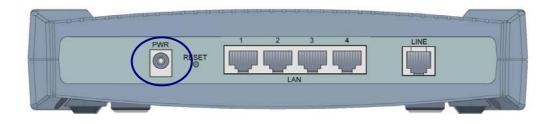
Port		Meaning			
1	Power Switch	Power ON/OFF switch			
2	PWR	Connect the supplied power adapter to this jack.			
3	RESET	After the device is powered on, press it to reset the device or restore to factory default settings. <b>0-3 seconds</b> : reset the device <b>6 seconds above</b> : restore to factory default settings (this is used when you can not login to the router, e.g. forgot the password)			
4	LAN (RJ-45 connector)	Connect a UTP Ethernet cable (Cat-5 or Cat-5e) to one of the four LAN ports when connecting to a PC or an office/home network of 10Mbps or 100Mbps.			
5	ADSL (LINE)	Connect the supplied RJ-11 ("telephone") cable to this port when connecting to the ADSL/telephone network.			

## **Connecting BIPAC 5102**

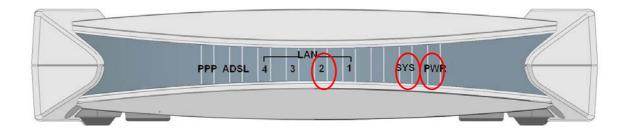
1. Connect the Router to a LAN (Local Area Network) and the ADSL/telephone (LINE) network.



2. Power on the device.

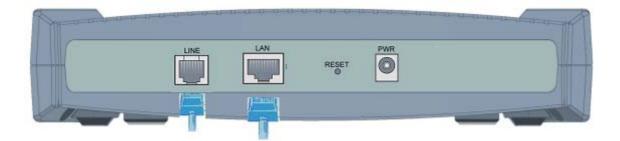


3. Make sure the **PWR and SYS** LEDs are lit steadily and that the relevant **LAN** LED is lit.

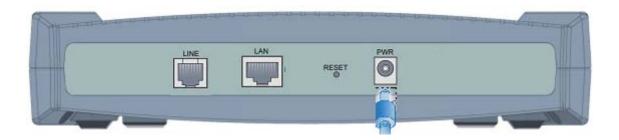


## **Connecting BIPAC 5102S**

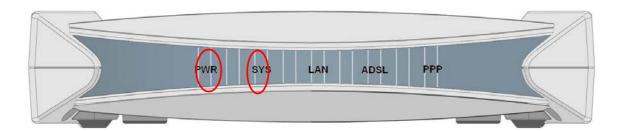
1. Connect the Router to a LAN (Local Area Network) and the ADSL/telephone (LINE) network.



2. Power on the device.

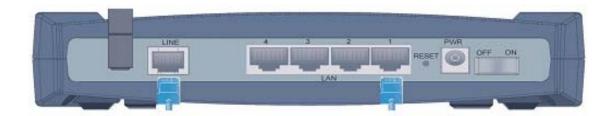


3. Make sure the PWR and SYS LEDs are lit steadily and that the relevant LAN LED is lit.

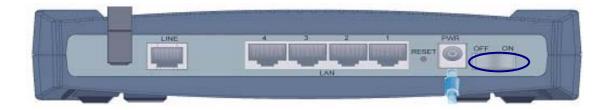


# Connecting BIPAC 5102G

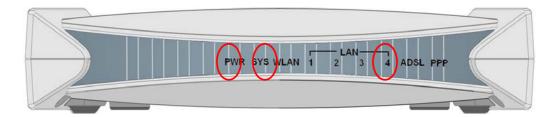
1. Connect the Router to a LAN (Local Area Network) and the ADSL/telephone (LINE) network.



2. Power on the device.



3. Make sure the **PWR**, **SYS**, and **WLAN** LEDs are lit steadily and that the relevant **LAN** LED is lit.



## **Configuring PC in Windows XP**

- 1. Go to Start / Control Panel (in Classic View). In the Control Panel, double-click on Network Connections
- 2. Double-click Local Area Connection.

3. In the Local Area Connection Status window, click Properties.

4. Select Internet Protocol (TCP/IP) and click Properties.

- 5. Select the Obtain an IP address automatically and the Obtain DNS server address automatically radio buttons.
- 6. Click OK to finish the configuration.

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#### Quick Start Guide

#### **Configuring PC in Windows 2000**

- 1. Go to Start / Settings / Control Panel. In the Control Panel, double-click on Network and Dial-up Connections.
- 2. Double-click Local Area Connection.

3. In the Local Area Connection Status window click Properties.

4. Select Internet Protocol (TCP/IP) and click Properties.

- 5. Select the Obtain an IP address automatically and the Obtain DNS server address automatically radio buttons.
- 6. Click OK to finish the configuration.

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Network

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#### **Configuring PC in Windows 98/Me**

- 1. Go to Start / Settings / Control Panel. In the Control Panel, double-click on Network and choose the Configuration tab.
- Select TCP/IP -> NE2000 Compatible, or the name of your Network Interface Card (NIC) in your PC.

3. Select the Obtain an IP address automatically radio button.

- 4. Then select the DNS Configuration tab.
- 5. Select the **Disable DNS** radio button and click **OK** to finish the configuration.

Configuration   Identification   Access Control						
The following network components are installed:						
Microsoft Family Logon						
ASUSTeK/Broadcom 440x 10/100 Integrated Controller						
TCP/IP -> ASUSTeK/Broadcom 440x 10/100 Integrated I TCP/IP -> Dial-Up Adapter						
Add Remove Properties						
Primary Network Logon: Microsoft Family Logon						
Eile and Print Sharing						
Description						
TCP/IP is the protocol you use to connect to the Internet and wide-area networks.						
OK Cancel						
TCP/IP Properties						
Bindings Advanced NetBIOS DNS Configuration Gateway WINS Configuration IP Address						
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An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in						
the space below.						
Dtain an IP address automatically						
C Specify an IP address:						
JP Address:						
Subnet Mask:						
OK Cancel						
TCP/IP Properties						
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<u>H</u> emove						
Domain Suffix Search Order						
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OK Cancel						

## **Configuring PC in Windows NT4.0**

- 1. Go to Start / Settings / Control Panel. In the Control Panel, double-click on Network and choose the Protocols tab.
- 2. Select TCP/IP Protocol and click Properties.

3. Select the Obtain an IP address from a DHCP server radio button and click OK.

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#### **Configuring Your ADSL Firewall Router**



*To configure this device, you must have IE 5.0 / Netscape 4.5 or above installed* 

- Open the web browser and type <u>http://192.168.1.254</u> in the browser's address box. This number is the default IP address for this router. Press Enter.
- 2. A username and password window will appear. The default username and password are admin and admin. Press OK to proceed.

3. You will get a status report on web page.

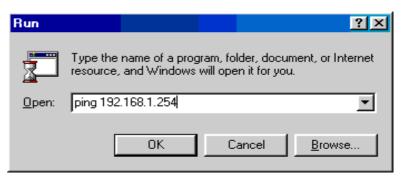


RUN WIZARD

#### **Quick Start Guide**

#### Verifying Your Local Network Connection with the Device

To see if this ADSL Router is visible on the local network, go to **Start / Run**. In the Run dialog box, type "**ping 192.168.1.254**" then press **OK**.



A command prompt window will pop out. If your ping is successful which means your local network is able to reach to the device, then the command prompt window will close up automatically.

C:\WINDOWS\System32\ping.exe								
Pinging 19	2.168.1.254 wit	h 32 byte:	s of data					
Reply from	192.168.1.254:	bytes=32	time<1ms	TTL=155				
Reply from	192.168.1.254:	bytes=32	time<1ms	TTL=155				
Reply from	192.168.1.254:	bytes=32	time<1ms	TTL=155				

Connection fails, when you see "**Request timed out**" in the command prompt window. You may need to check your set up.

C:\WINNT\system32\ping.exe								
Pinging	192.16	8.1.254	with	32	bytes	of	data:	
Request Request Request	timed	out.						

#### **Product Support and Contact Information**

Most problems can be solved by referring to the **Troubleshooting** section in the User's Manual. If you cannot resolve the problem with the **Troubleshooting** chapter, please contact the dealer where you purchased this product.

#### **Contact Billion**

WORLDWIDE http://www.billion.com

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